

Sept. 1881 (F); on dead algae in five feet of water, Wood's Holl, W. G. Farlow, Aug. 1876 (F); Eel Pond, Woods Hole, *Anon.*, 30 July 1908 (F); in water squeezed from *Vaucheria Thuretii*, Woods Hole, W. T[release], 15 Sept. 1881 (F); Wood's Holl, Aug. 1876 (Y). GOSNOLD: Gosnold Pond, Cuttyhunk Island, *Anon.*, 28 July 1927 (W). OAK BLUFFS: in shallow water, Squash Meadow Pond, G. Velasquez & Drouet 1896, 21 July 1936 (D, F, T).

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EXPLANATION OF FIGURES

FIG. 1. *Schizothrix arenaria*, upper portion of filament from Drouet 1217. FIG. 2. *Hydrocoleum glutinosum*, from Drouet 1917, showing the apex of a single trichome with sheath. FIG. 3. *Hydrocoleum Holdenii*, the upper portion of a trichome with sheath drawn from the type specimen in the Farlow Herbarium. FIG. 4. *Lyngbya infixa*, an entire filament from Drouet 1132. FIG. 5. *Lyngbya Lagerheimii*, from Drouet 1860, the upper portion of a filament. FIG. 6. *Phormidium persicinum*, portion of a single trichome from Phyc. Bor.-Amer. 1401 (W). FIG. 7. *Phormidium molle*, portion of a single trichome from a specimen collected by F. S. Collins at Bourne. FIG. 8 AND 9. *Oscillatoria chlorina*, upper portions of two trichomes from West Falmouth, collected by E. T. Rose.—All these figures have a magnification of $\times 800$ and, with the exception of Fig. 3, 6, and 7, are drawn from living material.

NOTES ON THE FLORA OF NOVA SCOTIA

A. E. ROLAND

IN early September 1936, I spent several days upon Long Island, Digby County. Time was taken to visit the Bay of Fundy seashore; and a number of plants were collected along the low banks of a sheltered cove. A *Cornus*, new to me, covered the exposed sides of the banks. I am indebted to Frère Marie Victorin of the University of Montreal for identifying it for me as *Cornus canadensis*, var. *intermedia*.

The following morning, barely enough time was spent upon Brier Island to cross it and return. At the further side by the lighthouse is a meadow many acres in extent, and protected from the waves of the Bay of Fundy only by a low line of rocky ledges. Ten minutes only were spent upon this meadow or bog; but they were sufficient to collect a number of sheets of *Schizaea*, which was found wherever it was looked for; and to secure some individuals of the *Lophiola* which was growing scattered over the area.

The following are some of the plants collected in this region; and